				103/13301
	SSIFICATION OF SUBJECT MATTER			
Inc	.Cl ⁷ E05C19/14, F16B2/18			
According	to International Patent Classification (IPC) or to both	national classification and	i IPC	
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Minimum o	documentation searched (classification system follower	d by classification symbol	19)	
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Koka Koka	suyo Shinan Koho 1922-1996 ni Jitsuyo Shinan Koho 1971-2003			
Electronic of	data base consulted during the international search (na	me of data base and, when	re practicable, sear	rch terms used)
C DOCU	JMENTS CONSIDERED TO BE RELEVANT			
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Category*	Citation of document, with indication, where a			Relevant to claim No.
Y .	Microfilm of the specification	on and drawing	s annexed	1-2,4-5
A	to the request of Japanese Ut No. 104691/1984(Laid-open No	ility Model App	plication	3,6
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	06 February, 1986 (06.02.86)	,		
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j	(Family: none)		i	•
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1	Full text; all drawings		.	
1	(Family: none)		.	
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× Furthe	er documents are listed in the continuation of Box C.	See patent family	annex.	
	categories of cited documents:	"T" later document publ	lished after the inten	national filing date or
consider	ent defining the general state of the art which is not red to be of particular relevance	priority date and not	t in conflict with the ciple or theory under	application but cited to
"E" earlier d	document but published on or after the international filing	"X" document of particu	ilar relevance; the cl	aimed invention cannot be
"L" docume:	ent which may throw doubts on priority claim(s) or which is	step when the docur	ment is taken alone	ed to involve an inventive
cited to special r	establish the publication date of another citation or other reason (as specified)	"Y" document of particu	ilar relevance; the cla	aimed invention cannot be when the document is
	ent referring to an oral disclosure, use, exhibition or other	combined with one	or more other such d	locuments, such
"P" documenthan the	ent published prior to the international filing date but later priority date claimed	"&" document member o		mily
Date of the ac	ctual completion of the international search anuary, 2004 (05.01.04)	Date of mailing of the ir		
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Interional application No.
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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	CD-ROM of the specification and drawings annexed to the request of Japanese Utility Model Application No. 13406/1992 (Laid-open No. 18583/1994) (Takigen Seizo Kabushiki Kaisha), 11 March, 1994 (11.03.94), Full text; all drawings (Family: none)	1-2,4-5
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